

ABSTRACT

A method is for manufacturing and/or repairing components, e.g., blades and blade segments, for gas turbines, e.g., for aircraft engines, by laser-powder build-up welding. Laser-powder build-up welding is performed using at least one substructure, the material build-up by a powder material occurring in the process of laser-powder build-up welding such that the or every substructure is at least in sections enclosed by the built-up powder material.